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L#	Hits	Search String	Databases
S1	2583	(process near2 control$3) and (adaptive near2 control$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S2	811	S1 and ((measure$4 or collect$3) with data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S3	495	S1 and (model$3 with data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S4	300	S2 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S5	155	S4 and ((predict$3 or forecast$3) with model$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S6	155	S4 and (model$1 with (accuracy or error$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S7	115	S5 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S8	32	S4 and (model$3 with regression)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S9	48	S4 and ("mean square" with (error or deviation))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S10	0	S4 and (sort$3 with data with (error or deviation))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S12	178	S4 and (data with (error or deviation))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S14	57	S4 and ((eliminat$3 or discard$3) with data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S16	0	S4 and (range with continuous with data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S18	20	S4 and (preprocess$3 with data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S19	149	S4 and (reduc$4 with data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S21	155	S7 or S8 or S9 or S13 or S15 or S17 or S20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S11	13	S4 and (sort$3 with data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S13	10	S11 and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S15	44	S12 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S17	6	S4 and (range with continuous)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S22	49	S4 and (continuous with data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S23	172	S4 and (data with range)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S24	36	S22 and S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S20	12	S18 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

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Results of search set L21:S7 or S8 or S9 or S13 or S15 or S17 or S20

Document	Kind Codes	Title	Issue Date	Current OR	Abstract
US 20040130442	A1	Wireless and powerless sensor and interrogator	20040708	340/443	
US 20040130276	A1	System and method of applying adaptive control to the control of particle accelerators with vai	20040708	315/501	
US 20040129838	A1	Flow control device and method of controlling flow	20040708	244/199	
US 20040117040	A1	System and method of adaptive control of processes with varying dynamics	20040617	700/29	
US 20040111168	A1	Adaptive value generating apparatus, adaptive procedure control program, and adaptive valu	20040610	700/28	
US 20040103108	A1	Method and computer-based sytem for non-probabilistic hypothesis generation and verificatio	20040527	707/100	
US 20040083993	A1	State space control of solenoids	20040506	123/90.11	
US 20040083013	A1	Method of operating a plant and a control system for controlling the same	20040429	700/47	
US 20040059441	A1	Kiln thermal and combustion control	20040325	700/29	
US 20040031058	A1	Method and apparatus for browsing using alternative linkbases	20040212	725/112	
US 20040015335	A1	Method, system and medium for controlling manufacturing process using adaptive models ba	20040122	703/2	

US 20030229900 A1	Method and apparatus for browsing using multiple coordinated device sets	20031211 725/87
US 20030217337 A1	Method for controlling the performance of a target system	20031120 716/1
US 20030195641 A1	State based adaptive feedback feedforward PID controller	20031016 700/42
US 20030093392 A1	System for intelligent control based on soft computing	20030515 706/13
US 20030088322 A1	Kiln thermal and combustion control	20030508 700/53
US 20030078684 A1	Method and apparatus for modeling dynamic and steady-state processes for prediction, contr	20030424 700/44
US 20030065410 A1	Method and apparatus for controlling a non-linear mill	20030403 700/37
US 20030049390 A1	Feedback control of plasma-enhanced chemical vapor deposition processes	20030313 427/585
US 20030049376 A1	Feedback control of sub-atmospheric chemical vapor deposition processes	20030313 427/255.28
US 20030044344 A1	Method for controlling polysulfide production	20030306 423/562
US 20030028265 A1	Kiln/cooler control and upset recovery using a combination of model predictive control and ex	20030206 700/31
US 20030028263 A1	Method and apparatus for adaptive control of marginally stable systems	20030206 700/29
US 20030027424 A1	Feedforward and feedback control for conditioning of chemical mechanical polishing pad	20030206 438/692
US 20030018400 A1	Method and apparatus for creating time-optimal commands for linear systems	20030123 700/29
US 20030018399 A1	Method for optimizing a plant with multiple inputs	20030123 700/28
US 20030014191 A1	System, method and computer program product for identifying chemical compounds having d	20030116 702/19
US 20030014131 A1	Method for optimizing a plant with multiple inputs	20030116 700/29
US 20020197934 A1	Control of chemical mechanical polishing pad conditioner directional velocity to improve pad li	20021226 451/21
US 20020197745 A1	Feedback control of a chemical mechanical polishing device providing manipulation of remov	20021226 438/5
US 20020186660 A1	Adaptive control of data packet size in networks	20021212 370/248
US 20020156542 A1	Methods, devices and systems for monitoring, controlling and optimizing processes	20021024 700/30
US 20020151992 A1	Media recording device with packet data interface	20021017 700/83
US 20020077537 A1	Ferromagnetic foreign body detection with background canceling	20020620 600/409
US 20020072828 A1	Computer method and apparatus for constraining a non-linear approximator of an empirical pr	20020613 700/269
US 20020053555 A1	Spot welding system and method for sensing welding conditions in real time	20020509 219/110
US 20020044014 A1	Amplifier measurement and modeling processes for use in generating predistortion parameter	20020418 330/2
US 20020016665 A1	System for intelligent control of an engine based on soft computing	20020207 701/106
US 20020016640 A1	Multi-variable matrix process control	20020207 700/29
US 20020008578 A1	Amplifier measurement and modeling processes for use in generating predistortion parameter	20020124 330/149
US 20010050592 A1	Amplifier measurement and modeling processes for use in generating predistortion parameter	20011213 330/2
US 20010025232 A1	Hybrid linear-neural network process control	20010927 703/13
US 6757579 B1	Kalman filter state estimation for a manufacturing system	20040629 700/108
US 6757570 B1	System and method for adaptive control of uncertain nonlinear processes	20040629 700/45
US 6745088 B2	Multi-variable matrix process control	20040601 700/29
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US 6738677 B2	Method and apparatus for modeling dynamic and steady-state processes for prediction, contr	20040518 700/44
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US 6647358 B2	Pharmacokinetic-based drug design tool and method	20031111 703/2
US 6640145 B2	Media recording device with packet data interface	20031028 700/83
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US 6609119 B1	Intelligent process control using predictive and pattern recognition techniques	20030819 706/25
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US 6601054 B1	Active acoustic and structural vibration control without online controller adjustment and path n	20030729 706/30
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US 6535795 B1	Method for chemical addition utilizing adaptive optimization	20030318 700/266
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US 6505085 B1	Method and apparatus for creating time-optimal commands for linear systems	20030107 700/28
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US 6216083 B1	System for intelligent control of an engine based on soft computing	20010410 701/106
US 6207936 B1	Model-based predictive control of thermal processing	20010327 219/497
US 6169981 B1	3-brain architecture for an intelligent decision and control system	20010102 706/23
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US 6091567 A	Modeling position error nonlinearity to improve servo performance	20000718 360/77.08
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US 6047221 A	Method for steady-state identification based upon identified dynamics	20000404 700/44
US 6038540 A	System for real-time economic optimizing of manufacturing process control	20000314 705/8
US 6026334 A	Control system for cross-directional profile sheet formation	20000215 700/28
US 6018643 A	Apparatus and method for adaptively forming an antenna beam pattern in a wireless commun	20000125 455/63.4
US 5991308 A	Lower overhead method for data transmission using ATM and SCDMA over hybrid fiber coax	19991123 370/395.53
US 5933345 A	Method and apparatus for dynamic and steady state modeling over a desired path between tw	19990803 700/44

US 5920478 A	Multi-input multi-output generic non-interacting controller	19990706	700/29
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US 5908176 A	In-flight adaptive performance optimization (APO) control using redundant control effectors of	19990601	244/203
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US 5870405 A	Digital transmission of acoustic signals over a noisy communication channel	19990209	714/701
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US 5714866 A	Method and apparatus for fast battery charging using neural network fuzzy logic based control	19980203	320/152
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US 5701400 A	Method and apparatus for applying if-then-else rules to data sets in a relational data base and	19971223	706/45
US 5684650 A	Digital servo control system for use in disk drives	19971104	360/77.06
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US 5675450 A	Digital servo control system for use in disk drives using driver saturation model	19971007	360/78.09
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US 5646797 A	Digital servo control system for use in disk drives	19970708	360/75
US 5638230 A	Digital servo control system for use in disk drives	19970610	360/78.04
US 5602689 A	Digital servo control system for use in disk drives, including sample integrity tester for reducin	19970211	360/78.04
US 5586221 A	Predictive control of rolling mills using neural network gauge estimation	19961217	706/23
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